Peak District National Park

Forecast valid from 00:00 on Sunday 29 May 2022 until 23:59 on Monday 30 May 2022

Forecast Issued on Saturday 28 May 2022 at 15:31

Confidence: High confidence in overall weather but moderate in shower detail overnight and into tomorrow.

Headline for Sunday 29 May 2022: Variable cloud and scattered showers.

Mountain weather hazards on Sunday 29 May 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
No Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Light rain showers	Light rain showers	Sunny intervals	Sunny intervals
Precipitation probability							
20%	20%	10%	20%	50%	40%	20%	20%

Forecast for Sunday 29 May 2022

Weather: Cloudy with a change of light rain during the early hours. A largely cloudy start to the day, dry but feeling cold with a north-easterly breeze. Cloud will lift and break to allow some sunny spells during the morning, however the odd light shower will also start to develop. Early afternoon there is a risk of isolated heavier showers, particularly towards the east, before it turns dry again into the evening.

Chance of cloud-free hill tops above 600m: 70% around dawn, increasing to >95% by mid-morning.

Low cloud and visibility: Moderate to poor visibility on highest summits near dawn with cloud base around 600m, quickly improving to good as cloud lifts. Visibility quickly deteriorating to moderate in any afternoon showers.

Forecast for Sunday 29 May 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/16 NE	11/16 NE	15/20 NE	13/18 N	12/17 NE	11/16 NE	7/10 NE	6/9 W	9/13 SW
300	5/10 NE	7/10 E	9/14 NE	10/14 N	11/17 N	9/14 NE	6/10 NE	5/9 W	7/10 SW
Valley	5/13 E	3/9 E	7/16 NE	8/16 N	8/15 NE	7/14 N	4/8 N	4/9 W	4/9 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/1	4/0	4/-1	5/1	6/2	7/4	7/5	6/4	6/2
300	8/7	7/5	7/4	8/6	9/6	10/8	10/8	8/7	8/6
Valley	9/8	7/6	8/6	10/8	10/9	11/10	11/10	9/8	8/7
Freezing Level*	1500m	1200m	1100m	1000m	1100m	1200m	1300m	1300m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A mostly fine day but feeling cold, particularly in the morning, so warm layers are recommended. Strong sunshine is also possible in any prolonged sunny spells.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 28 May 2022	0mm	5.2mm	5.6mm

Forecast for Monday 30 May 2022

Weather: Patchy low cloud over summits at first, lifting in the morning but remaining cloudy throughout the day. Heavy showers developing by late morning, possibly with hail and thunder during the afternoon. Showers slowly fading away into the evening. A cool day again with a moderate westerly breeze.

Maximum wind: West-southwesterly 15mph gusting 25mph

Chance of cloud-free hill tops above 600m: 70% increasing to >95%

Low cloud and visibility: Moderate to poor visibility at first with cloud base 500-600m. Poor visibility is possible in heavy showers throughout the day, otherwise generally good visibility outside of showers.

Temperature: **Valleys:** Plus 5 Celsius increasing to Plus 10 Celsius.
At 600m: Plus 6 Celsius
Freezing level: Above summits.